

# Work Order ID 56389

February 22, 2010 10:37:39 AM



Page 1

Item ID: D4051-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Rappel Deflector Assembly, LH

Start Date: 2/22/10 Start Qty: 1.00



Cust Item ID:

Required Date: 2/23/10 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D4051

a

100



Weld per dwg A/R S.S. rod Batch: M109213 0.00

Large Fab

Memo

0.00

Large Fab

1- Weld brackets, filler and mounting plate to bar using basket

①

PD 10.02.22

110



QC9- Inspect visual per QSI004- Fusion Welds 0.00

QC

Memo

0.00

Quality Control

①

10.02.23

120



QC5- Inspect part completeness to step on W/O 0.00

QC

Memo

0.00

Quality Control

8/10/23

①

test fit in Basket 8/10/23

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Item ID: D4051-041

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Start Date: 2/22/10 Start Qty: 1.00

Cust Item ID:

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Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel

0.00



Powdercoat

Powder Coating

Memo

POWDER COAT:

Start Time: 10:45AM

Oven Temperature: 400°F

Finish Time: 11:15AM

0.00

⇒ JH

10/02/23

(X1)

✓

130.5 → QC3 inspect

Paint

8 10/02/23

(X1)

140

0.00



Hand Finish

Hand Finishing

Small Fab.

Memo

Install label as per dwg

0.00

EP 10/02/23

(2)

150

0.00



QC

Quality Control

QC3-Inspect Part Finish

QC3 inspect

Memo

work to current

sten

0.00

~~10/02/23~~

8 10/02/23

(4)

# Work Order ID 56389

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Item ID: D4051-041

Revision ID:

Item Name: Rappel Deflector Assembly, LH

Start Date: 2/22/10 Start Qty: 1.00

Required Date: 2/23/10 Req'd Qty: 1.00

Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

160



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

8/5/02/23

⑩

170



Packaging

Packaging

Identify as per dwg & Stock Location: \_\_\_\_\_

0.00

Memo

0.00

Per 10/2/24 ①

180



QC


Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/02/24   
MF 10-2-24

# Picklist Print

February 22, 2010 10:37:38 AM

Page 1  
2

Work Order ID: 56389



Parent Item: D4051-041



Parent Item Name: Rappel Deflector Assembly, LH

Start Date: 2/22/10

Required Date: 2/23/10

Comments: IPP RevA: new issue DD 10.01.14 verified by:EC IPP Rev:B as per  
dwg REV.A DD 10.02.22 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4051-1		Manufactured	No			100	Each	1.0000	1.0000			
Rappel Deflector												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse		
WA	1	
55994	1	

56389 PD 10.02.22

D4051-3		Manufactured	No			100	Each	3.0000	2.0000			
Bracket												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse		
WA	3	
56110	3	

PD 10.02.22

D4051-5		Manufactured	No			100	Each	3.0000	1.0000			
Mounting Plate												

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse		
WA	3	
55995	3	

PD 10.02.22

# Picklist Print

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Work Order ID: 56389



Parent Item: D4051-041



Parent Item Name: Rappel Deflector Assembly, LH

Start Date: 2/22/10

Required Date: 2/23/10

Comments: IPP RevA: new issue DD 10.01.14 verified by:EC IPP Rev:B as per  
dwg REV.A DD 10.02.22 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4051-7		Manufactured	No			100	Each	4.0000	1.0000			



Filler



<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

WA

4

55997

4

140

Each

10.0000

3.0000



PD 10.02.22

D4051-9

Manufactured No



Placard

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-------------------------------------	----------------	-----------------

Main Warehouse

ST111

10

55272

10

10/02/23

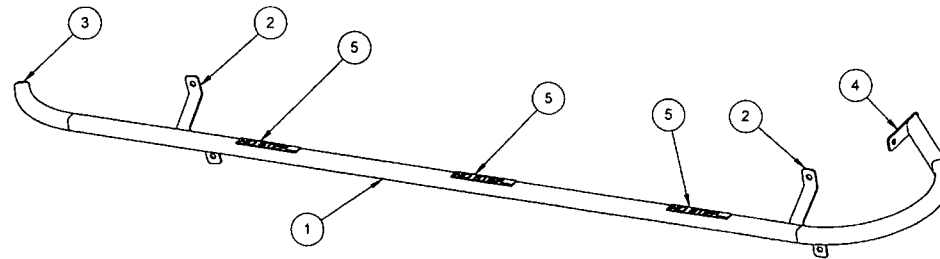
3

February 22, 2010 10:37:38 AM

Shop Packet Print

Page 2

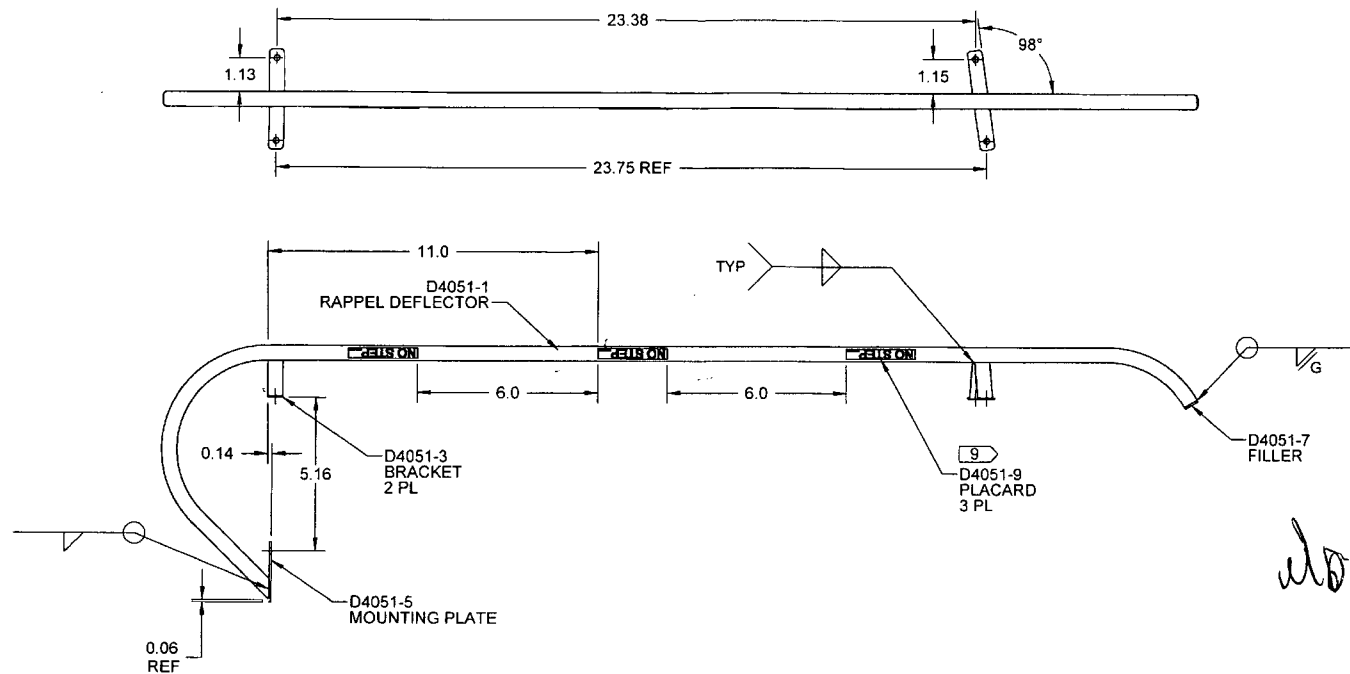
ITEM	QTY -041	QTY -042	P/N	DESCRIPTION
	X		D4051-041	RAPPEL DEFLECTOR ASSY
		X	D4051-042	RAPPEL DEFLECTOR ASSY
1	1	1	D4051-1	RAPPEL DEFLECTOR
2	2	2	D4051-3	BRACKET
3	1	1	D4051-7	FILLER
4	1	1	D4051-5	MOUNTING PLATE
5	3	3	D4051-9	PLACARD



D4051-041 RAPPEL DEFLECTOR ASSY (SHOWN)  
D4051-042 RAPPEL DEFLECTOR ASSY (OPPOSITE)

RELEASED  
2010-02-16  
JWP

A	NEW ISSUE	RF	10.01.29
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	RF	D4051	SHEET 1 OF 7
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	RAPPEL DEFLECTOR ASSY	NTS
DATE	10.01.29	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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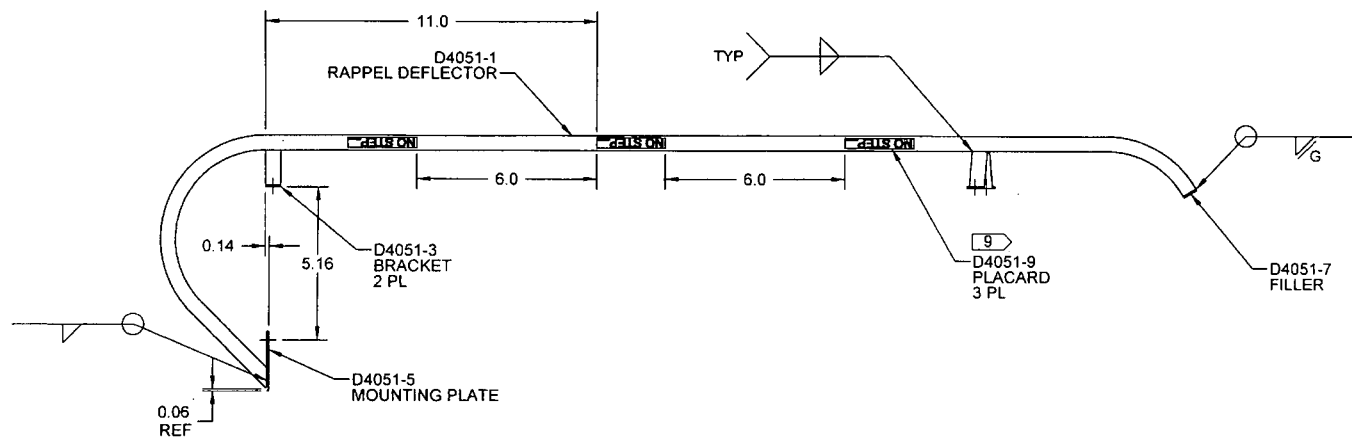
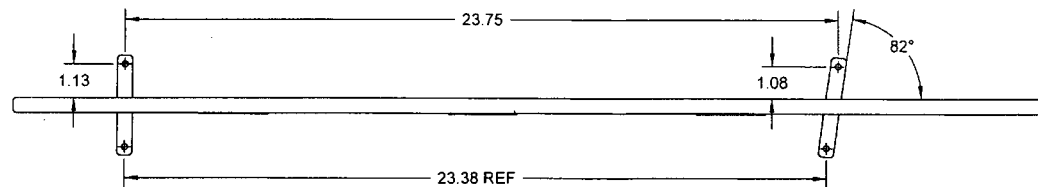


**D4051-041 RAPPEL DEFLECTOR ASSY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4051-041" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 1.07 lbs
- 8) WELD PER DART QSI 004
- 9) APPLY D4051-9 PLACARD AFTER POWDER COAT

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4051	SHEET 2 OF 7
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RAPPEL DEFLECTOR ASSY	NTS
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# **D4051-042 CABLE DEFLECTOR ASSY**

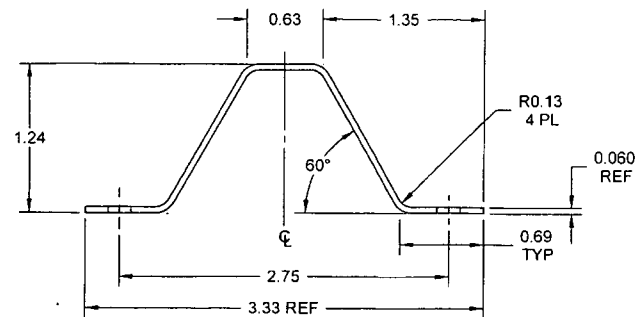
RELEASED  
2010-03-16

## **NOTES:**

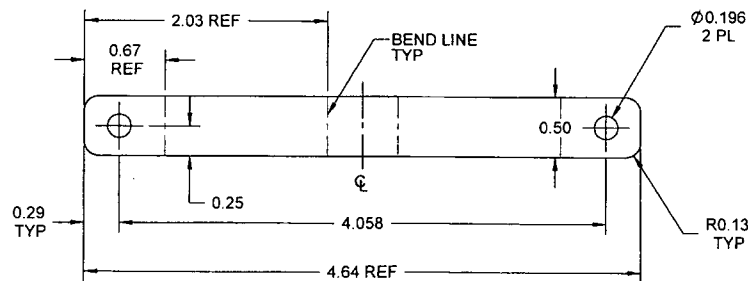
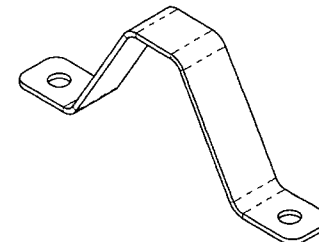
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4051-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 1.07 lbs
- 8) WELD PER DART QSI 004
- 9) APPLY D4051-9 PLACARD AFTER POWDER COAT

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	92	DRAWING NO.	REV. A
MFG. APPR.	18	<b>D4051</b>	SHEET 3 OF 7
APPROVED	19	TITLE	SCALE
DE APPR.	19	<b>RAPPEL DEFLECTOR ASSY</b>	NTS
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**D4051-3 BRACKET**  
(MAKE FROM D4051-3F FLAT PATTERN)



**D4051-3F FLAT PATTERN**

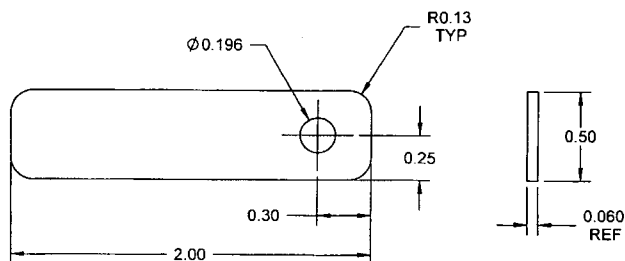
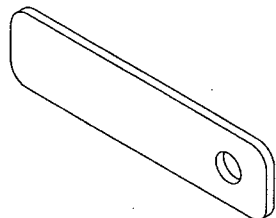
**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET 0.060 THICK ANNEALED 2B FINISH  
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240  
PER DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.03 lbs

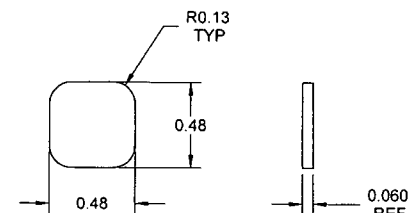
*W/O 56289*

**RELEASED**  
2010-02-16  
*MP*

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>JS</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>JS</i>	<b>D4051</b>	SHEET 5 OF 7
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	<b>RAPPEL DEFLECTOR ASSY</b>	NTS
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**D4051-5 MOUNTING PLATE**



**D4051-7 FILLER**

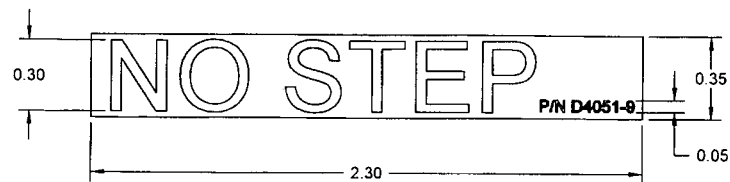
*W/O 56389*

**RELEASED**  
2010-02-16  
*MP*

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET 0.060 THICK ANNEALED 2B FINISH  
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240  
PER DART SPEC M304S16GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: D4051-5: 0.02 lbs  
D4051-7: 0.004 lbs

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4051</b>	SHEET 6 OF 7
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>RAPPEL DEFLECTOR ASSY</b>	NTS
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**D4051-9 PLACARD**

*w/05639*

RELEASED  
2010-02-16  
*AD*

**NOTES:**

- 1) MATERIAL: RED LETTERS ON WHITE BACKGROUND AND SELF-ADHESIVE BACK.  
MANUFACTURE FROM 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>RS</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>RS</i>	D4051	SHEET 7 OF 7
APPROVED	<i>RS</i>	TITLE	SCALE
DE APPR.	<i>RS</i>	RAPPEL DEFLECTOR ASSY	NTS
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